

Table 1-7: Transportation-Related Greenhouse Gas Emissions (Tg CO<sub>2</sub> Eq)

Gas/Vehicle Type	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<b>CO<sub>2</sub></b>	<b>1,474.4</b>	<b>1,440.2</b>	<b>1,475.5</b>	<b>1,505.0</b>	<b>1,553.8</b>	<b>1,581.8</b>	<b>1,621.2</b>	<b>1,631.4</b>	<b>1,659.0</b>	<b>1,716.4</b>
Passenger Cars	620.0	614.7	629.7	635.3	631.6	641.9	654.1	660.2	674.5	688.9
Light-Duty Trucks	283.1	282.2	282.1	294.2	318.4	325.3	333.5	337.3	356.9	364.8
Other Trucks	206.0	198.6	204.7	216.5	227.6	235.9	248.1	257.0	257.9	269.7
Buses	10.7	11.2	11.2	11.7	13.0	13.5	11.3	12.0	12.3	12.9
Aircraft <sup>a</sup>	176.7	169.2	166.9	168.0	175.8	171.5	180.2	179.0	183.0	184.6
Boats and Vessels	59.4	52.8	67.7	63.4	62.2	66.9	63.8	50.2	47.9	65.6
Locomotives	28.4	26.4	28.2	25.9	30.6	31.5	33.4	34.4	33.6	35.1
Other <sup>b</sup>	90.1	85.1	85.0	90.0	94.6	95.3	96.7	101.4	93.0	94.9
International Bunker Fuels <sup>c</sup>	114.0	120.0	110.0	99.9	98.0	101.0	102.2	109.8	112.8	107.3
<b>CH<sub>4</sub></b>	<b>5.0</b>	<b>4.9</b>	<b>5.0</b>	<b>5.0</b>	<b>4.9</b>	<b>4.9</b>	<b>4.8</b>	<b>4.7</b>	<b>4.6</b>	<b>4.5</b>
Passenger Cars	2.4	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0	1.9
Light-Duty Trucks	1.6	1.8	1.9	1.9	1.9	1.9	1.6	1.6	1.5	1.4
Other Trucks and Buses	0.4	0.4	0.4	0.4	0.5	0.5	0.7	0.7	0.7	0.7
Aircraft	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2
Boats and Vessels	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Locomotives	0.1	0.1	0.1	+	0.1	0.1	0.1	0.1	+	+
Other <sup>d</sup>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
International Bunker Fuels <sup>c</sup>	+	+	+	+	+	+	+	+	+	+
<b>N<sub>2</sub>O</b>	<b>54.3</b>	<b>57.5</b>	<b>61.6</b>	<b>64.5</b>	<b>66.4</b>	<b>66.8</b>	<b>65.3</b>	<b>65.2</b>	<b>64.2</b>	<b>63.4</b>
Passenger Cars	31.0	30.7	31.8	32.3	33.0	33.0	32.7	32.4	32.1	31.5
Light-Duty Trucks	17.8	21.2	24.0	26.2	26.9	27.1	23.9	24.0	23.3	22.7
Other Trucks and Buses	2.6	2.7	2.9	3.1	3.4	3.6	5.6	5.8	5.9	6.1
Aircraft <sup>a</sup>	1.7	1.6	1.6	1.6	1.7	1.7	1.8	1.7	1.8	1.8
Boats and Vessels	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.3	0.3	0.4
Locomotives	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.2	0.2	0.2
Other <sup>d</sup>	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
International Bunker Fuels <sup>c</sup>	1.0	1.0	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0
<b>HFCs</b>	<b>+</b>	<b>+</b>	<b>0.8</b>	<b>2.5</b>	<b>6.5</b>	<b>9.5</b>	<b>13.5</b>	<b>17.2</b>	<b>20.6</b>	<b>23.7</b>
Mobile Air Conditioners <sup>e</sup>	+	+	0.8	2.5	6.5	9.5	13.5	17.2	20.6	23.7
<b>Total<sup>c</sup></b>	<b>1,533.7</b>	<b>1,502.7</b>	<b>1,542.9</b>	<b>1,577.0</b>	<b>1,631.6</b>	<b>1,663.0</b>	<b>1,704.8</b>	<b>1,718.5</b>	<b>1,748.4</b>	<b>1,808.0</b>

+ Does not exceed 0.05 Tg CO<sub>2</sub> Eq.

Note: Totals may not sum due to independent rounding.

<sup>a</sup> Aircraft emissions consist of emissions from all jet fuel (less bunker fuels) and aviation gas consumption.<sup>b</sup> "Other" CO<sub>2</sub> emissions include motorcycles, construction equipment, agricultural machinery, pipelines, and lubricants.<sup>c</sup> Emissions from International Bunker Fuels include emissions from both civilian and military activities, but are not included in totals.<sup>d</sup> "Other" CH<sub>4</sub> and N<sub>2</sub>O emissions include motorcycles, construction equipment, agricultural machinery, gasoline-powered recreational, industrial, lawn and garden, light commercial, logging, airport service, other equipment; and diesel-powered recreational, industrial, lawn and garden, light construction, airport service.<sup>e</sup> Includes primarily HFC-134a.